



11-09-05

PTO/SB/21 (02-04)

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TRANSMITTAL FORM (to be used for all correspondence after initial filing)		Application Number	09/927,122
		Filing Date	August 10, 2001
		First Named Inventor	Daniel P. Gold
		Art Unit	1644
		Examiner Name	Schwadron, Ronald B.
Total Number of Pages in This Submission	22 + references	Attorney Docket Number	30795-702.201

ENCLOSURES (Check all that apply)

<input type="checkbox"/> Fee Transmittal Form	<input type="checkbox"/> Drawing(s)	<input type="checkbox"/> After Allowance communication to Technology Center (TC)
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<input type="checkbox"/> Amendment/Reply	<input type="checkbox"/> Petition	<input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief)
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SIGNATURE OF APPLICANT, ATTORNEY OR AGENT

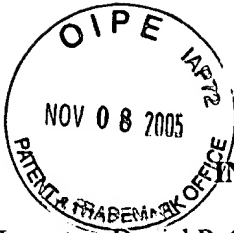
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Date	November 7, 2005		

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I hereby certify that this correspondence and all marked attachments are being deposited by Express Mail, Express Mailing Label No.: EV 517730991US on -Oct-05 addressed to: Mail Stop IDS, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.			
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This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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Attorney Docket No. 30795-702.201
PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Inventor: Daniel P. Gold)	Group Art Unit: 1644
)	
Serial Number: 09/927,122)	Examiner: Schwadron, Ronald B.
)	
Filing Date: August 10, 2001)	CONFIRMATION NO: 4261
)	
Title: Method and Composition for Altering a T Cell)	
Mediated Pathology)	

FILED BY EXPRESS MAIL ON: November 8, 2005

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SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT
UNDER 37 C.F.R. §1.97

Sir:

Applicants hereby submit an Information Disclosure Statement along with attached forms PTO/SB/08A and PTO/SB/08B. A copy of each listed publication is being submitted, if required, pursuant to 37 C.F.R. §§1.97-1.98, as indicated below.

Applicants respectfully request that the listed information be considered by the Examiner and be made of record in the above-identified application. Applicants further request that the Examiner initial and return the attached forms PTO/SB/08 in accordance with MPEP §609.

Applicants reserve the right to establish the patentability of the claimed invention over any of the information provided herewith, and/or to prove that this information may not be prior art, and/or to prove that this information may not be enabling for the teachings purportedly offered.

This statement is not intended to represent that a search has been made or that the information cited in the statement is, or is considered to be, prior art or material to patentability as defined in §1.56.

11/10/2005 CNGUYEN 00000034 232415 09927122

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☐ 37 CFR §1.97(b). This Information Disclosure Statement should be considered by the Office because:

- ☐ (1) It is being filed within 3 months of the application filing date of a national application and is other than a continued prosecution application under §1.53(d);
-- OR --
- ☐ (2) It is being filed within 3 months of entry of a national stage as set forth in §1.491 in an international application;
-- OR --
- ☐ (3) It is being filed before the mailing date of the first Office Action on the merits;
-- OR --
- ☐ (4) It is being filed before the mailing of a first Office Action after the filing of a request for continued examination under §1.114.

☒ 37 CFR §1.97(c). Although this Information Disclosure Statement is being filed after the period specified in 37 CFR §1.97(b), above, it is filed before the mailing date of the earlier of (1) a final office action under §1.113, (2) a notice of allowance under §1.311, or (3) an action that otherwise closes prosecution on the merits, this Information Disclosure Statement should be considered because it is accompanied by one of:

- ☐ a certification as specified in §1.97(e) provided concurrently herewith;
-- OR --
- ☒ a fee of \$180.00 as set forth in §1.17(p) authorized below, enclosed, or included with the payment of other papers filed together with this statement.

☐ 37 CFR §1.97(d). Although this Information Disclosure Statement is being filed after the mailing date of the earlier of (1) a final office action under §1.113 or (2) a notice of allowance under §1.311, it is being filed before payment of the issue fee and should be considered because it is accompanied by:

- A. a certification as specified in §1.97(e); and
- B. a fee of \$180.00 as set forth in §1.17(p) is authorized below, enclosed, or included with the payment of other papers filed together with this Statement.

☐ 37 CFR §1.97(e). A certification signed by an Attorney of Record is provided herewith as required under 37 CFR §§1.97(b) and (c).

☒ 37 CFR §1.98(a)(2). The content of the Information Disclosure Statement is as follows:

- ☐ Copies of each of the references listed on the attached Form PTO/SB/08A are enclosed herewith.
-- OR --
- ☒ Copies of U.S. Patent Documents (issued patents and patent publications) listed on the attached Form PTO/SB/08A are NOT enclosed.
-- AND/OR --
- ☒ Copies of Foreign Patent Documents and/or Non Patent Literature Documents listed on the attached Form PTO/SB/08A are enclosed in accordance with 37 CFR §1.98(a)(2).
-- AND/OR --
- ☐ Copies of pending unpublished U.S. patent applications are enclosed in accordance with 37 CFR §1.98(a)(2)(iii).

- ☒ 37 CFR §1.98(a)(3). The Information Disclosure Statement includes non-English patents and/or references.
- ☐ Pursuant to 37 CFR §1.98(a)(3)(i), a concise explanation of the relevance of each patent, publication or other information provided that is not in English is provided herewith.
- ☒ Pursuant to 37 CFR §1.98(a)(3)(ii), a copy of a translation of the non-English language references is provided herewith
- ☐ Attached are copies of search report(s) from corresponding patent application(s), submitted in accordance with MPEP 609 D in support of the attached certification under 37 CFR §1.97(e)(1).
- ☒ *Fee Authorization.* The Commissioner is hereby authorized to charge the above-referenced fees of \$180.00 and charge any additional fees or credit any overpayment associated with this communication to Deposit Account No. 23-2415 (Docket No. 30795-702.201).

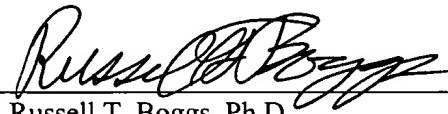
Respectfully submitted,

WILSON SONSINI GOODRICH & ROSATI

Dated: _____

11/7/05

By: _____


Russell T. Boggs, Ph.D.
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Customer No. 021971

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Substitute for form 1449/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>				Complete if Known		
				Application Number	09/927,122	
				Filing Date	August 10, 2001	
				First Named Inventor	Daniel P. Gold	
				Art Unit	1644	
				Examiner Name	Schwadron, Ronald B.	
Sheet	3	of	18	Attorney Docket Number	30795-702.201	
U.S. PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Document Number Number-Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	
	48	US-5162111	11-10-1992	Grabstein et al.		
	49	US-4338397	07-06-1982	Gilbert et al.		
	50	US-4399216	08-16-1983	Axel et al.		
	51	US-4444878	04-24-1984	Henry P. Paulus		
	52	US-4468464	08-28-1984	Cohen et al.		
	53	US-4512922	04-23-1985	Jones et al.		
	54	US-4634665	01-06-1987	Axel et al.		
	55	US-4704362	11-03-1987	Itakura et al.		
	56	US-4816249	03-28-1989	Levy et al.		
	57	US-4840896	06-20-1989	Reddy et al.		
FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document Country Code ³ - Number ⁴ - Kind Code ⁵ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
	58	JP-62089621 Abstract	01-07-1992	Immunex Corp.		
	59	JP-64-027492 Abstract	01-30-1989	Amgen		
	60	JP-01-193227 Abstract	08-03-1989	Res Dev Corp of JP		
	61	JP-62230729 Abstract	10-09-1987	Sumitomo Pharm. Co.		
	62	WO98/16246	04-23-1998	Johns Hopkins U.		
	63	WO97/13502	04-17-1997	Immunex Corp.		
	64	WO96/10395	04-11-1996	CSL Ltd.		
	65	WO96/07740 w/Abstract	03-14-1996	Institut Pasteur		
	66	WO94/01133	01-20-1994	Schering Corp.		
	67	WO93/20835	10-28-1993	Schering Corp.		
	68	WO91/05046	04-18-1991	Immunex Corp.		
	69	WO88/00832	02-11-1988	Immunex Corp.		
Examiner Signature				Date Considered		

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				Application Number	09/927,122	
				Filing Date	August 10, 2001	
				First Named Inventor	Daniel P. Gold	
				Art Unit	1644	
				Examiner Name	Schwadron, Ronald B.	
Sheet	2	of	18	Attorney Docket Number	30795-702.201	
U.S. PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	
		Number-Kind Code ² (if known)				
	24	US-5891429	04-06-1999	Clark et al.		
	25	US-5891432	04-06-1999	William Soo Hoo		
	26	US-5895646	04-20-1999	Elizabeth A. Wang		
	27	US-5900238	05-04-1999	Gombotz et al.		
	28	US-5904920	05-18-1999	Dranoff et al.		
	29	US-5929196	07-27-1999	Kissel et al.		
	30	US-5942253	08-24-1999	Gombotz et al.		
	31	US-5980911	11-09-1999	Corner et al.		
	32	US-5728377	03-17-1998	Sarris et al.		
	33	US-5602007	02-11-1997	Dunn et al.		
	34	US-5679356	10-21-1997	Bonnem et al.		
	35	US-5679347	10-21-1997	Porcelli et al.		
	36	US-5580561	12-03-1996	Cercek et al.		
	37	US-5478556	12-26-1995	Elliott et al.		
	38	US-5334379	08-02-1994	Pillai et al.		
	39	US-5179017	01-12-1993	Axel et al.		
	40	US-5229496	07-20-1993	Deeley et al.		
	41	US-5254534	10-19-1993	Tachibana et al.		
	42	US-5078996	01-07-1992	Conlon III et al.		
FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ - Number ⁴ - Kind Code ⁵ (if known)				
	43	FR-2658432	08-23-1991	Medgenix Group SA		
	44	JP-2000256209 Abstract	09-19-2000	Morinaga Milk Ind. Co. Ltd.		
	45	JP-10295379 Abstract	11-10-1998	GSF Forsch.Unwelt		
	46	JP-02-002390 Abstract	01-08-1990	Sumitomo Chem.Co.		
	47	JP-02-076820 Abstract	03-16-1990	Ajinomoto Co. Inc.		
Examiner Signature				Date Considered		

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Substitute for form 1449/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Complete if Known

Application Number	09/927,122
Filing Date	August 10, 2001
First Named Inventor	Daniel P. Gold
Art Unit	1644
Examiner Name	Schwadron, Ronald B.
Attorney Docket Number	30795-702.201

Sheet 1 of 18

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
	1	US-6361948 B1	03-26-2002	Tricoli et al.	
	2	US-6348449 B1	02-19-2002	Weiner et al.	
	3	US-6342216 B1	01-29-2002	Fidler et al.	
	4	US-6338962	01-15-2002	Frederick M. Boyce	
	5	US-6338953 B1	01-15-2002	Boyce et al.	
	6	US-6331415 B1	12-18-2001	Cabilly et al.	
	7	US-6312718 B1	11-06-2001	Popescu et al.	
	8	US-6312690	11-06-2001	Edelman et al.	
	9	US-6309632 B1	10-20-2001	Jan M. Agosti	
	10	US-6274175 B1	08-14-2001	Gombatz et al.	
	11	US-6120807	09-19-2000	Gombatz et al.	
	12	US-6096313	08-01-2000	Jager et al.	
	13	US-6087110	07-11-2000	Wang et al.	
	14	US-6083703	07-04-2000	Wang et al.	
	15	US-6083521	07-04-2000	Acemoglu et al.	
	16	US-6080409	06-27-2000	Laus et al.	
	17	US6063905	05-16-2000	Capra et al.	

FOREIGN PATENT DOCUMENTS

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		Country Code ³ - Number ⁴ - Kind Code ⁵ (if known)				
	18	CA-2139756 Abstract	01-20-1994	Bonnem et al.		
	19	EP-0382381B1	05-26-1993	Schering Corp.		
	20	EP-0326149 B1	08-18-1993	Green Cross Corp.		
	21	EP-0183350 B1	01-15-1992	Immunex Corp.		
	22	EP-0351876 A2	01-24-1990	Ajinomoto Co., Inc.		
	23	EP-0370656 A1	05-30-1990	Schering Corp.		

Examiner Signature	Date Considered
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				Examiner Name	Schwadron, Ronald B.
Sheet	4	of	18	Attorney Docket Number	30795-702.201
NON PATENT LITERATURE DOCUMENTS					
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.			T ²
	70	WALSH, "Biopharmaceutical Benchmarks-2003," Nature Biotechnology 21 (8):865-870 (2003)			
	71	PARDOLL, "Gene-Targeted Immunotherapy of Renal Cancer," Grant No. 1U01CA061551-01 + (Abstract) http://commons.cit.nih.gov/crisp3/CRISP_LIB , accessed 9/4/2002			
	72	BENDANDI, "Role of anti-idiotypic vaccines in the modern treatment of human follicular lymphoma," Expert Rev. Anticancer Ther. 1(1):65-72 (2001)			
	73	JAFFEE et al., "Novel Allogeneic Granulocyte-Macrophage Colony-Stimulating Factor-Secreting Tumor Vaccine for Pancreatic Cancer: A Phase I Trial of Safety and Immune Activation," J. of Clin. Oncology 19(1):145-156 (2001)			
	74	SELMAYR et al., "B-Cell Lymphoma Idiotypes Chimerized by Gene Targeting Can Induce Tumor Immunity," Cancer Gene Therapy 7(3):501-506 (2000)			
	75	BENVENUTI et al., "Anti-Idiotypic DNA Vaccines for Lymphoma Immunotherapy Require the Presence of Both Variable Region Genes for Tumor Protection," Gene Therapy 7(7):605-611 (2000)			
Examiner signature				Date Considered	

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Applicant's unique citation designation number (optional). ²Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450. If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

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				Art Unit	1644
				Examiner Name	Schwadron, Ronald B.
Sheet	5	of	18	Attorney Docket Number	30795-702.201
NON PATENT LITERATURE DOCUMENTS					
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.			T ²
	84	BALTIMORE et al., "Expression of the Abelson Murine Leukemia Virus Genome and of Transfected κ Immunoglobulin Genes," J. of Cell. Biochem. 12th Annual UCLA Symposia Abstracts, Suppl. 7A, Abstract 0224 (1983)			
	85	BANERJI et al., "Expression of a β Globin Gene is Enhanced by Remote SV40 DNA Sequences," Cell 27:299-308 (December 1981) Part 1			
	86	BERNARD et al., "Sequences of Mouse Immunoglobulin Light Chain Genes before and after Somatic Changes," Cell 15: 1133-1144 (1978)			
	87	BIXLER and PILLAI, "Augmentation by Interleukins of the Antibody Response to a Conjugate Vaccine Against Haemophilus Influenza B," in Atassi, ed., Immunobiology of Proteins and Peptides VI, Plenum Press, New York, pp.185-190 (1991)			
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				First Named Inventor	Daniel P. Gold
				Art Unit	1644
				Examiner Name	Schwadron, Ronald B.
Sheet	6	of	18	Attorney Docket Number	30795-702.201
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	89	BONNEM, "Granulocyte-macrophage colony stimulating factor - issues in patient management," in Maroun et al., eds., Colony-Stimulating Factors in Clinical Practice, Intl. Congress and Symposium Series No. 184, Royal Society of Medicine Services Ltd., London, pp.17-22 (1992)			
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	94	BOSS and EMTAGE, "Expression of an Immunoglobulin Light Chain Gene in Escherichia Coli," Gene Expression, Alan R. Liss, Inc. New York, pp.513-522 (1983)			
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	100	FALKNER and ZACHAU, "Expression of mouse immunoglobulin genes in monkey cells," Nature 298:286-288 (1982)			
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	108	GOUGH, "The rearrangements of immunoglobulin genes," in Tooze et al., eds., Trends in Biochemical Sciences, Reference Edition, Vol. 6, International Union of Biochemistry and Elsevier/North-Holland, 1981, pp.203-205.			
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	115	KNUTH et al., "Cellular and humoral immune responses against cancer: implications for cancer vaccines," Current Opinion in Immunol. 3:659-664(1991)			
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	122	LIESCHKE and BURGESS, "Granulocyte Colony-Stimulating Factor and Granulocyte-Macrophage Colony-Stimulating Factor, Part 2", N. Eng. J. of Med. 317(2):99-106 (1992)			
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	123	MARTIN et al., "Recombinant Human Granulocyte-Macrophage Colony-Stimulating Factor (rhGM-CSF) in the Treatment of Chronic Hepatitis B," Am. Assoc. for the Study of Liver Diseases Abstracts of Papers 16(2, Pt.2):67A, Abstract 89 (1992)			
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	137	MOXON, "The scope of immunisation," The Lancet, Feb. 24, 1990, pp.448-451			
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				Application Number	09/927,122
				Filing Date	August 10, 2001
				First Named Inventor	Daniel P. Gold
				Art Unit	1644
				Examiner Name	Schwadron, Ronald B.
Sheet	14	of	18	Attorney Docket Number	30795-702.201
NON PATENT LITERATURE DOCUMENTS					
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.			T ²
	144	OCHI et al., "Functional Immunoglobulin M production after transfection of cloned immunoglobulin heavy and light chain genes into lymphoid cells," PNAS USA 80:6351-6355 (1983)			
	145	OCHI et al., "Transfer of a cloned immunoglobulin light-chain gene to mutant hybridoma cells restores specific antibody production," Nature 302:340-342 (1983)			
	146	OI et al., "Immunoglobulin gene expression in transformed lymphoid cells," PNAS USA 80:825-829 (1983)			
	147	OKAYAMA and BERG, "A cDNA Cloning Vector That Permits Expression of cDNA Inserts in Mammalian Cells," Molecular and Cell. Biol. 3(2):280-289 (1983)			
	148	PELLICER et al., "Altering Genotype and Phenotype by DNA-Medicated Gene Transfer," Science 209:1414-1421 (1980)			
	149	PICARD and SCHAFFNER, "Correct transcription of a cloned mouse immunoglobulin gene in vivo," PNAS USA 80:417-421 (1983)			
	150	QUIROGA et al., "Recombinant γ -Interferon as Adjuvant to Hepatitis B Vaccine in Hemodialysis Patients," Hepatology 12(4):661-663 (1990)			
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	151	RASO and GRIFFIN, "Hybrid Antibodies with Dual Specificity for the Delivery of Ricin to Immunoglobulin-bearing Target Cells," Cancer Res. 41:2073-2078 (1981)	
	152	REEVES et al., "Construction and Transfer into Mammalian Cells of a Vector Containing Insect Histone Genes," in Lurquin, et al., eds., Genetic Engineering in Eukaryotes," Plenum Press, New York, pp.73-85 (1983)	
	153	Remington's Pharmaceutical Sciences, 18th ed., Mack Publishing Co., Easton PA 1990	
	154	RICE et al., "Expression of Immunoglobulin Genes introduced into Mouse Lymphoid Cell Lines," J. Cell. Biochem. Suppl 7A:133 (Abstract 0341) (1983)	
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	156	ROBERTS, et al., "A general method for maximizing the expression of a cloned gene," PNAS USA 76(2):760-764 (1979)	
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	159	SAMBROOK et al., "Cloning into Bacteriophage M13 Vectors and Transfection of Competent Bacteria," in Molecular Cloning, A Laboratory Manual, 2nd ed., Cold Spring Harbor Laboratory Press, New York, 1989, pp.4.33-4.34				
	160	SCHRADER, "Peptide Regulatory Factors and Optimization of Vaccines," Mol. Immunol. 28(3):295-299 (1991) - PC				
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	164	STEWARD et al., "Clinical Studies with Recombinant Human Granulocyte-Macrophage Colony-Stimulating Factor," International J. of Cell Cloning 8:335-346, Suppl. 1 (1990)			
	165	STEWARD et al., "Recombinant human granulocyte macrophage colony stimulating factor (rhGM-CSF) given as daily short infusions-a phase I dose-toxicity study," Br. J. Cancer 59:142-145 (1989)			
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	169	TANIGUCHI et al., "Expression of the human fibroblast interferon gene in Escherichia coli," PNAS USA 77(9):5230-5233 (1980)			
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	172	VALLE et al., "Synthesis and secretion of mouse immunoglobulin chains from <i>Xenopus</i> oocytes," <i>Nature</i> 291:338-340 (1981)			
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	176	WIGLER et al., "Transformation of Mammalian Cells with Genes from Prokaryote and Eucaryotes," <i>Cell</i> 16: 777-785 (1979)			
	177	WILLIAMS et al., "Cytoplasmic Inclusion Bodies in <i>Escherichia coli</i> Producing Biosynthetic Human Insulin Proteins," <i>Science</i> 215:687-689 (1982)			
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